



Material Safety Data Sheet

May be used to comply with OSHA's
Hazard Communication Standard

HMIS SYMBOL

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0

HMIS

SEVERE	4
SERIOUS	3
MODERATE	2
SLIGHT	1
MINIMAL	0

NFPA

EXTREME	4
HIGH	3
MODERATE	2
SLIGHT	1
INSIGNIFICANT	0

NFPA SYMBOL

	0	FIRE
TOXICITY	2	0
SPECIAL		0
	0	REACTIVITY

Product: MARC 45 LEMON ZEST

Section I - GENERAL INFORMATION

Company	Mid-American Research Chemical Corp.	Telephone No. (402)564-7104	Fax No. (402)563-1290
Address	P O Box 927 Columbus NE 68602-0927	Date 04/07/10	Formula Trade Secret
Info Trac 24 Hour Emergency Telephone No. 1-800-535-5053			

Section II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Component	CAS Number	Exposure TLV (Units)	%(Optional)
None reportable.			

Section III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (° F.)	N/A	Specific Gravity (H ₂ O=1)	N/A
Vapor Pressure (mm Hg) (psig. @ 70°F)	N/A	Melting Point (° F.)	N/D
Vapor Density (Air=1)	N/A	Evaporation Rate (Butyl Acetate=1)	N/D

Solubility in Water

Complete.

Appearance and Odor

Yellow powder with a lemon fragrance.

Section IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (° F.) (Method Used)

N/A

Extinguishing Media

N/A

Special Fire Fighting Procedures

N/A

Unusual Fire and Explosion Hazards

N/A

N/A = Not Applicable

N/D = Not Determined

(Continued on Reverse Side)

Section V - REACTIVITY DATA

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid)

Hazardous Decomposition or Combustion By-Products

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation X	Eyes/Skin X	Ingestion X
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Health Hazards (Acute & Chronic)

Eye and skin irritant.

Carcinogenicity:	NTP <input type="checkbox"/>	IARC Monographs <input type="checkbox"/>	OSHA Regulated <input type="checkbox"/>
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Signs and Symptoms of Overexposure

EYES: Dust may be mildly irritating. **SKIN:** Dust may be mildly irritating. **INHALATION:** Dust may be mildly irritating. **INGESTION:** Ingestion may cause gastrointestinal upset and may have laxative effect. May cause vomiting.

Medical Conditions Generally Aggravated by Exposure

None

Emergency and First Aid Procedures

EYES: Flush with water for fifteen minutes. Contact physician. **SKIN:** Wash with soap and water, rinse thoroughly. If irritation persists, consult a physician. **INHALATION:** Remove to a fresh air source. If irritation persists, consult a physician. **INGESTION:** DO NOT INDUCE VOMITING! Drink large quantities of water, milk. Consult a physician.

Section VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled

Sweep up.

Waste Disposal Method

Landfill in accordance with local, state, and federal regulations.

Precautions to be Taken in Handling and Storing **DO NOT TAKE INTERNALLY.**

Keep container closed when not in use. Store in a dry area.

Other Precautions

KEEP OUT OF REACH OF CHILDREN!! CAREFULLY READ ENTIRE LABEL BEFORE USE!**Section VIII - CONTROL MEASURES**

Respiratory Protection (Specify Type)

If TLV is exceeded, wear a NIOSH approved respirator.

Ventilation	Local Exhaust <input type="checkbox"/>	Mechanical (General) X	Mechanical is satisfactory.
Other			

Protective Gloves:	Rubber	Eye Protection:	Safety glasses.
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Other Protective Clothing or Equipment

Apron and boots if working conditions merit.

Work/Hygienic Practices

